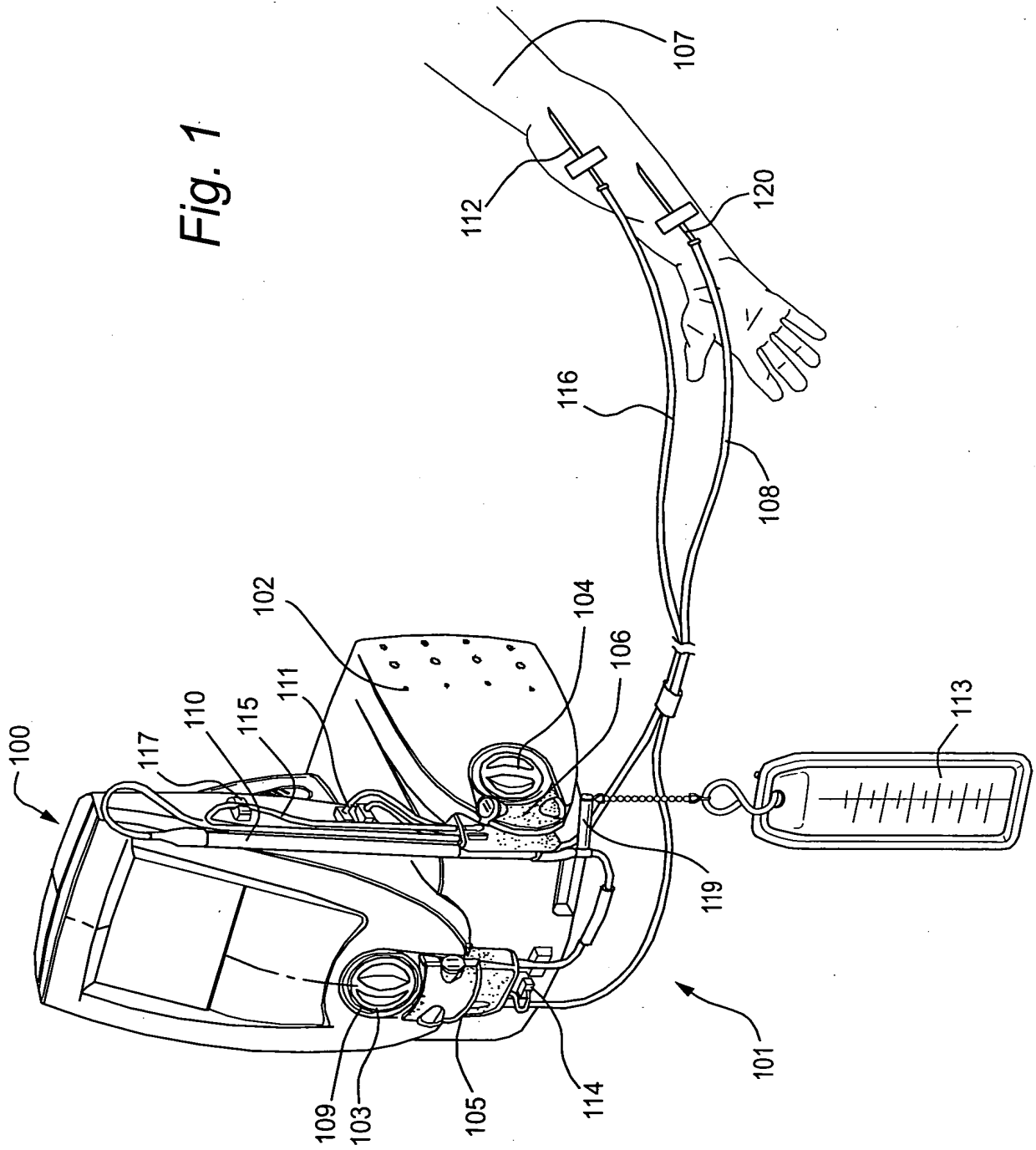
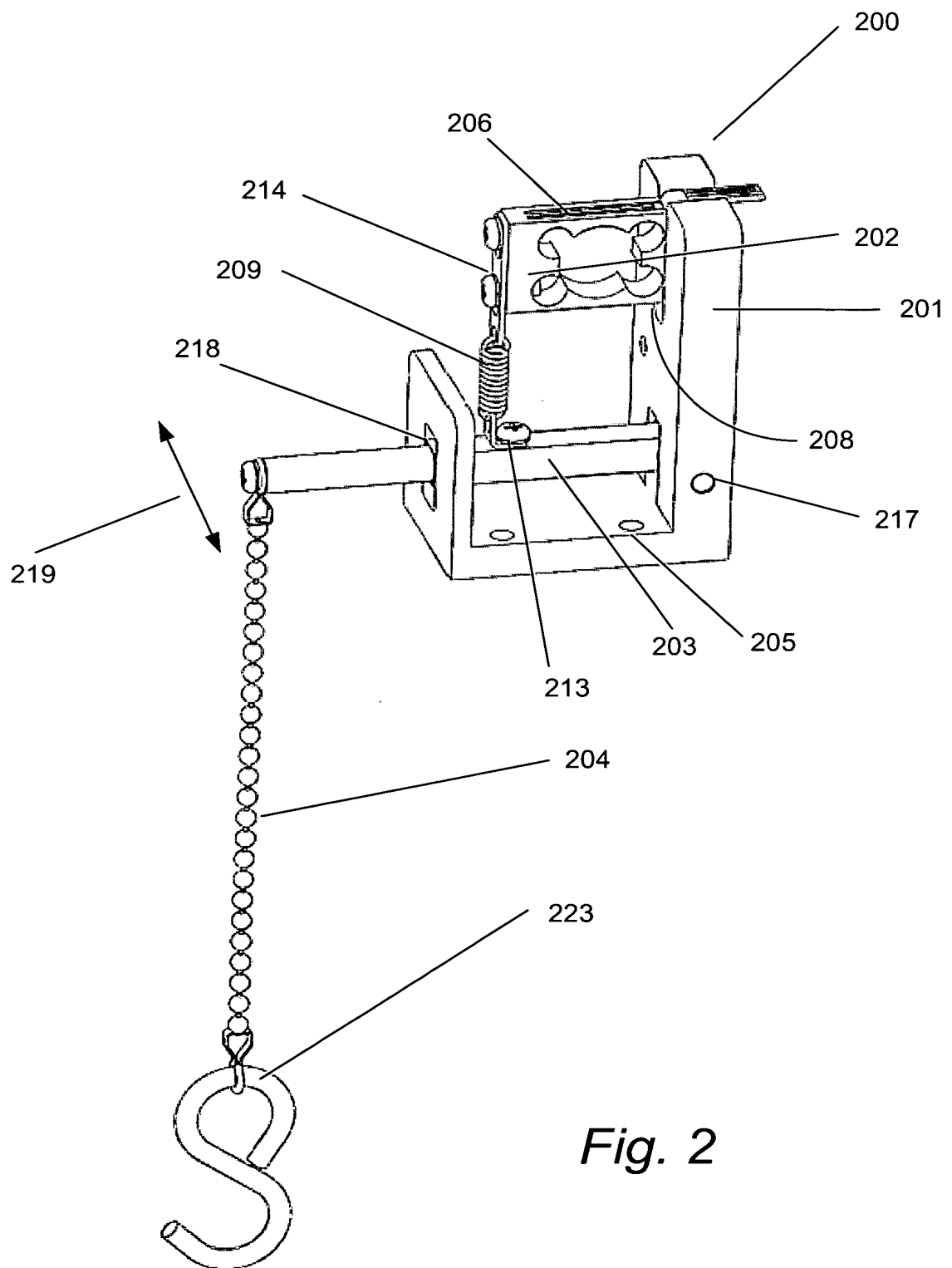


Fig. 1





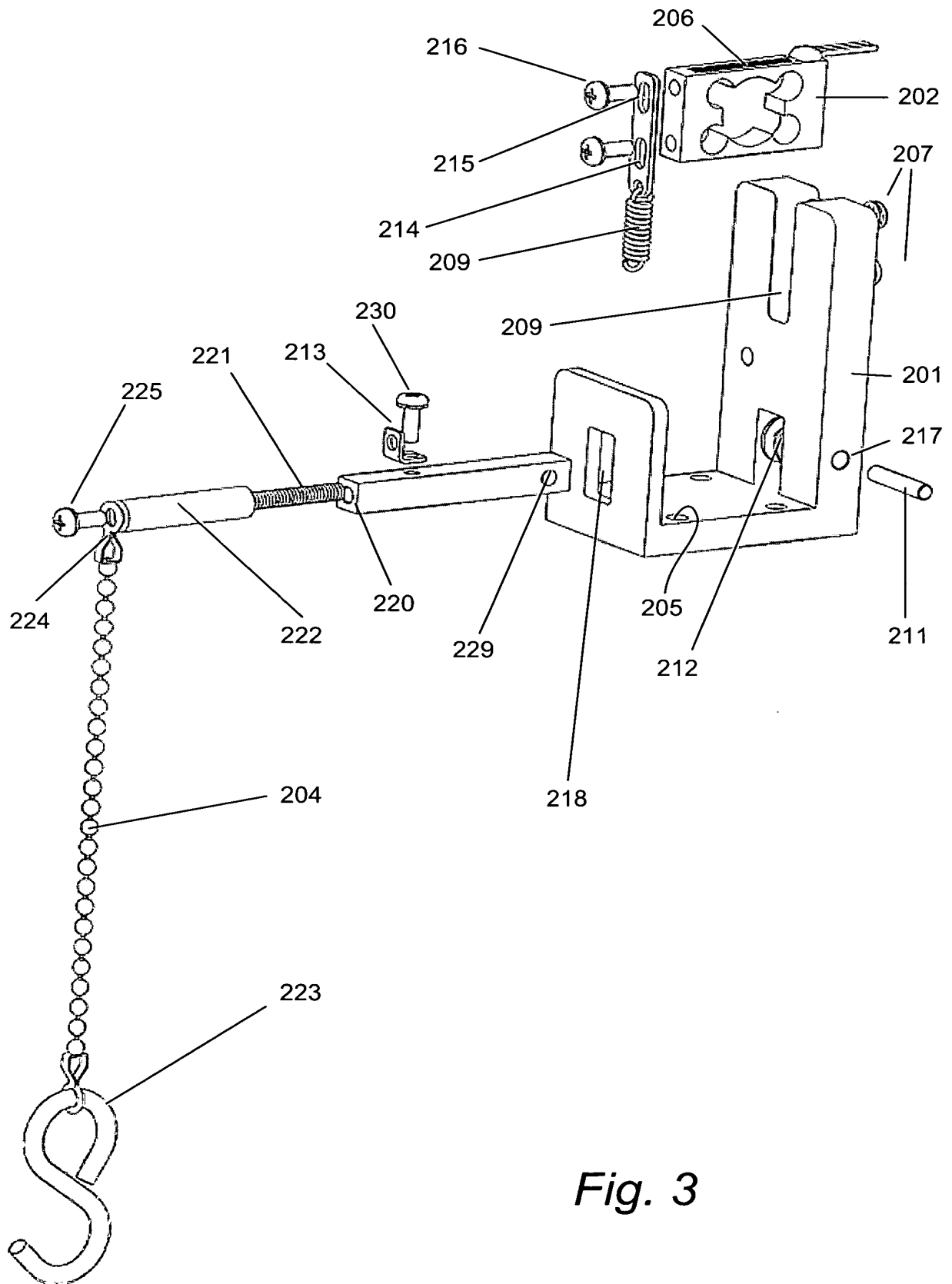


Fig. 3

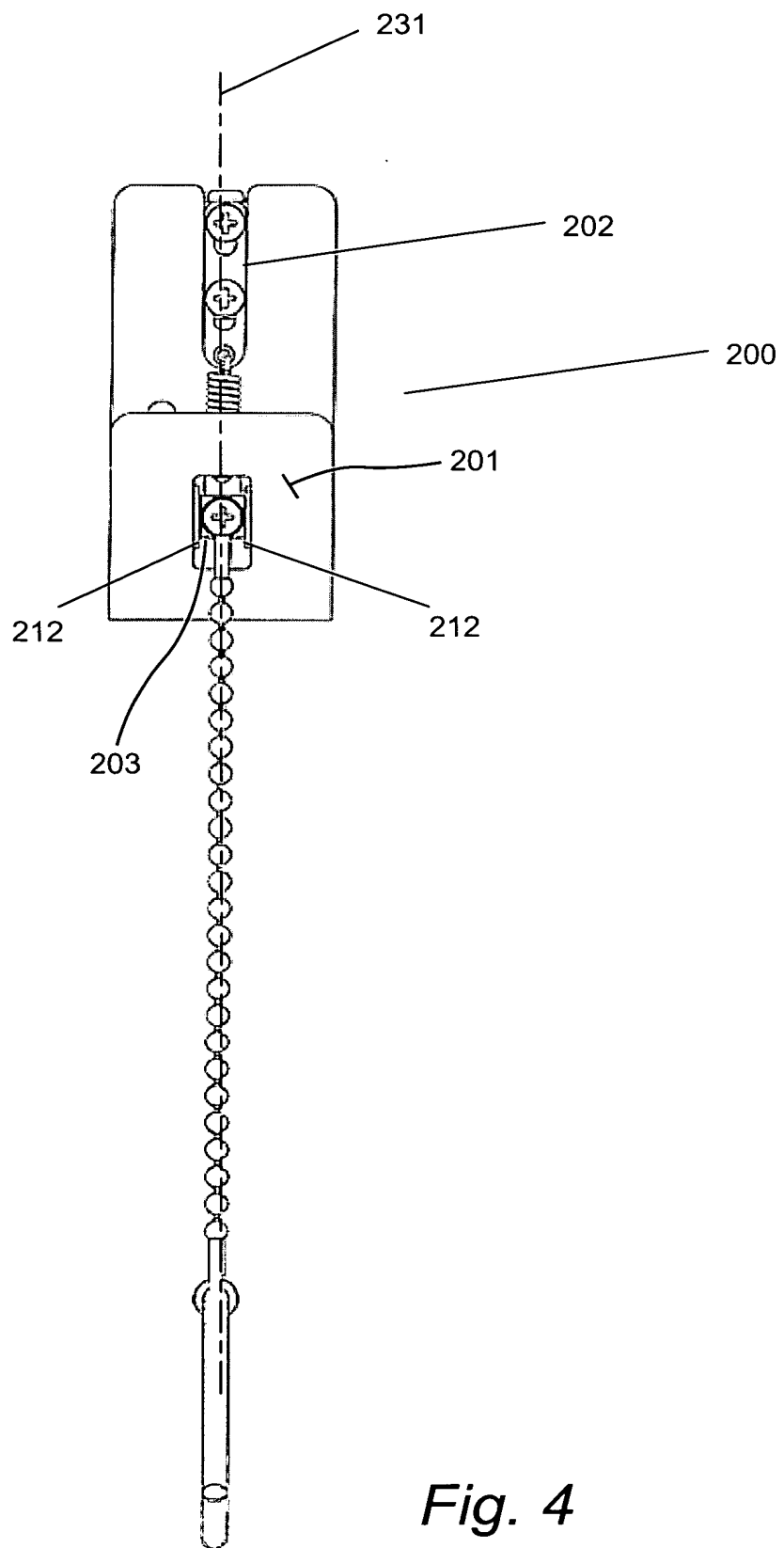


Fig. 4

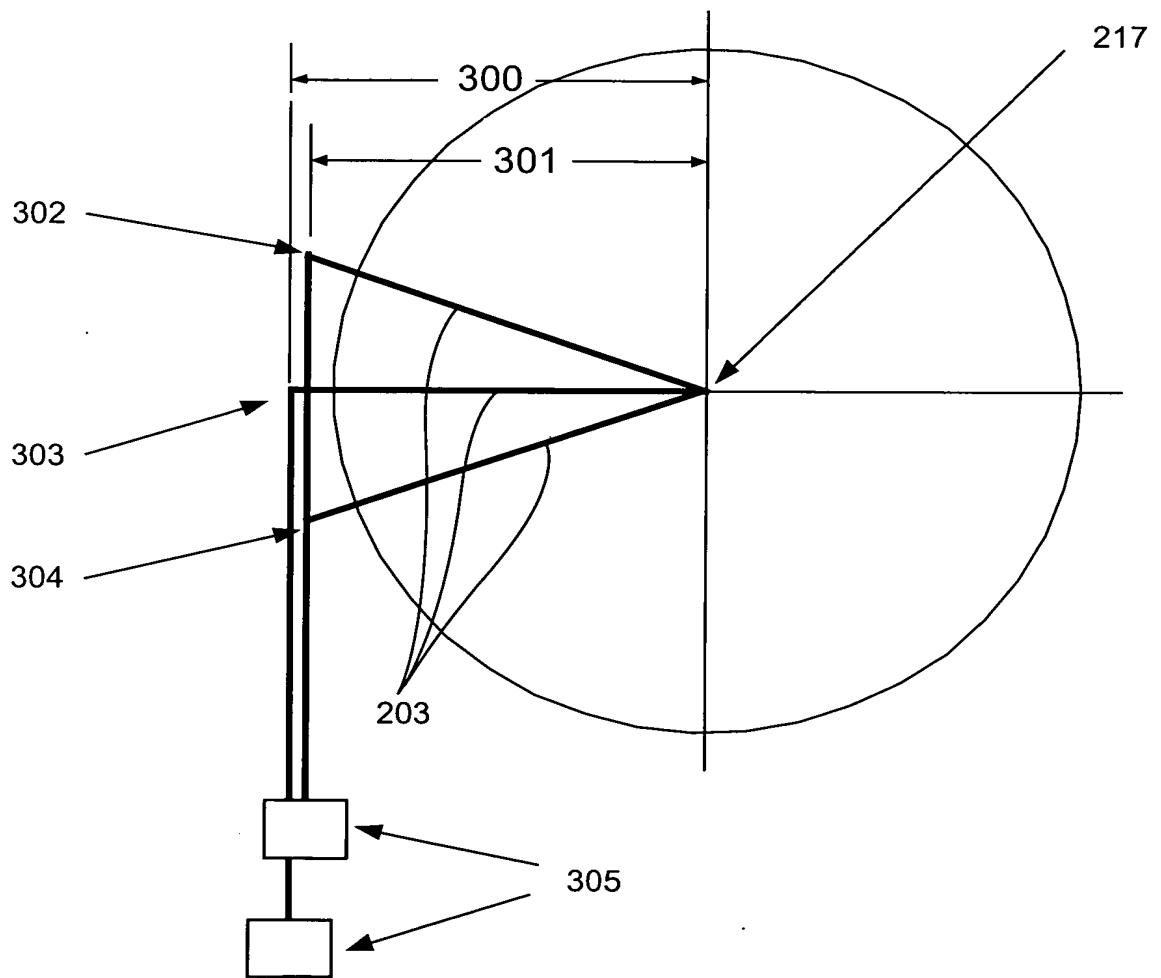


Fig. 5

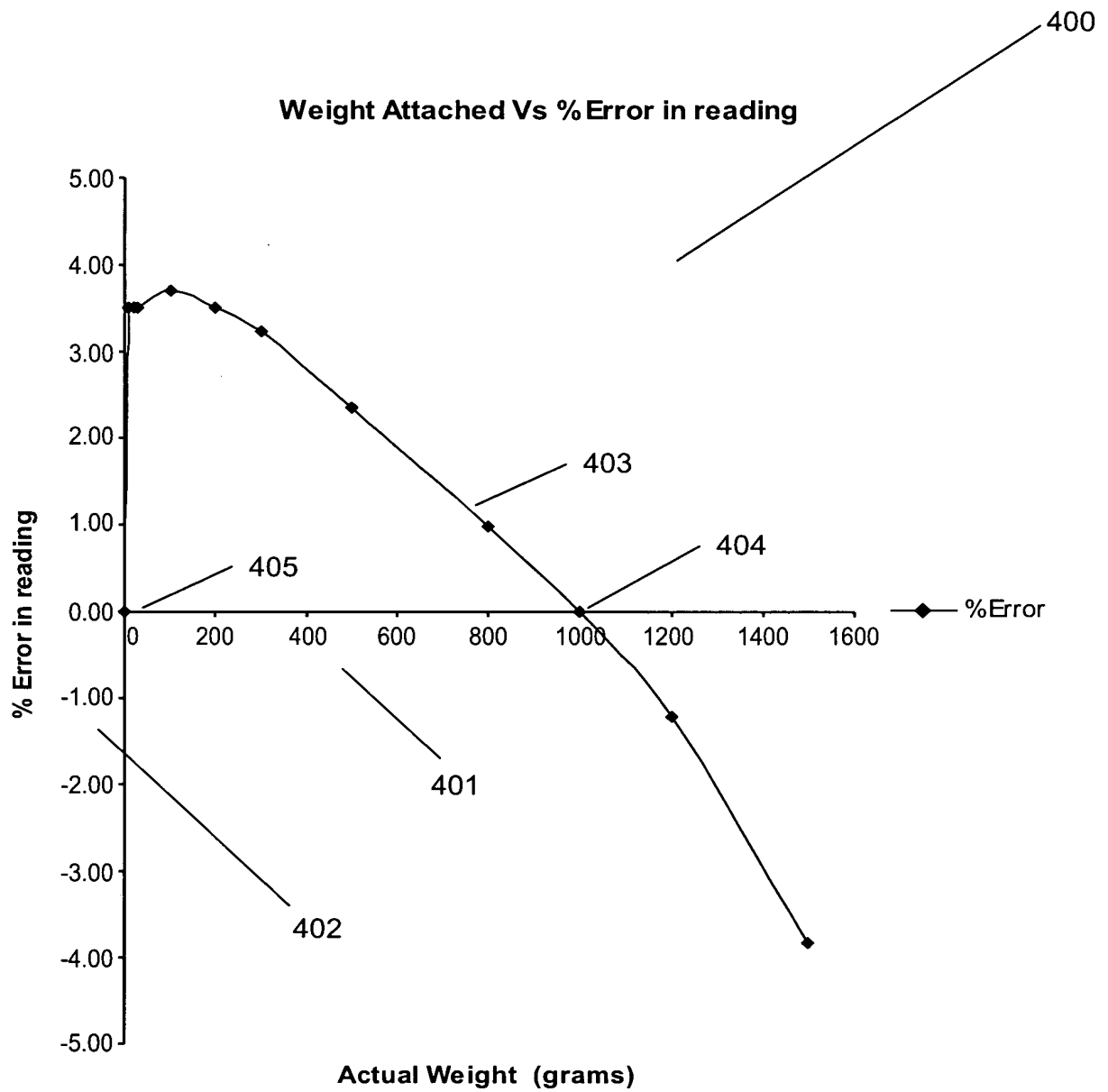


Fig. 6

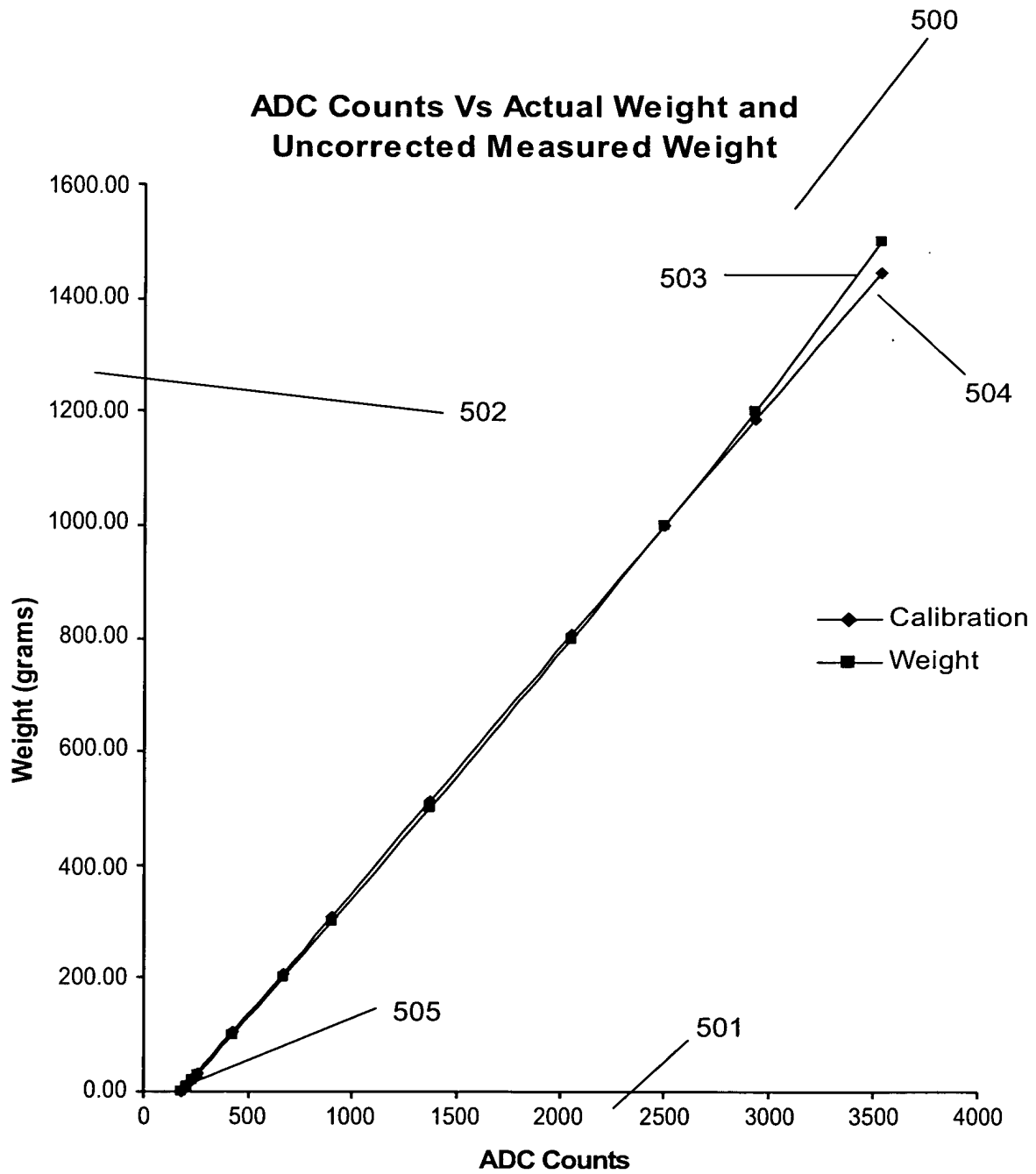


Fig. 7

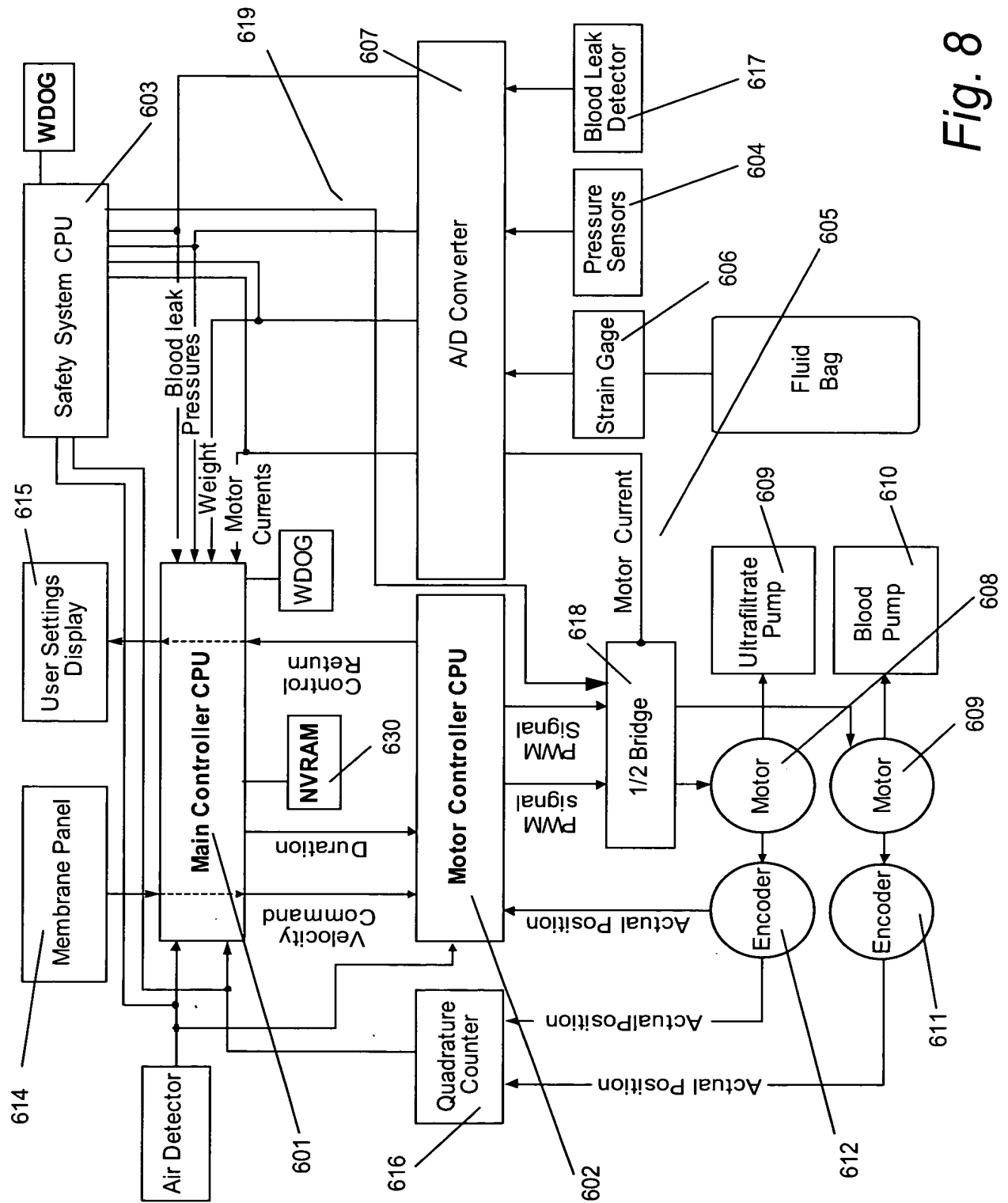


Fig. 8

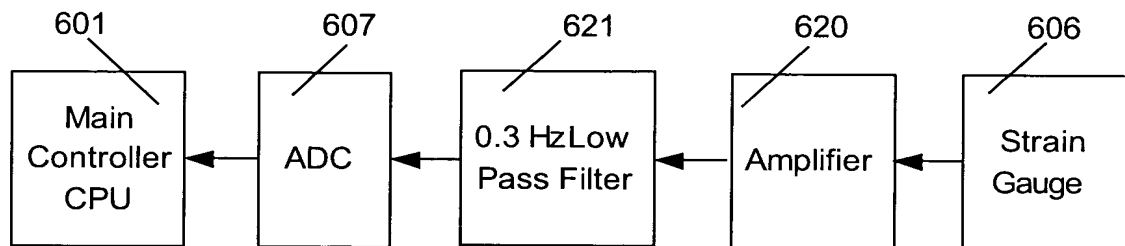


Fig. 9

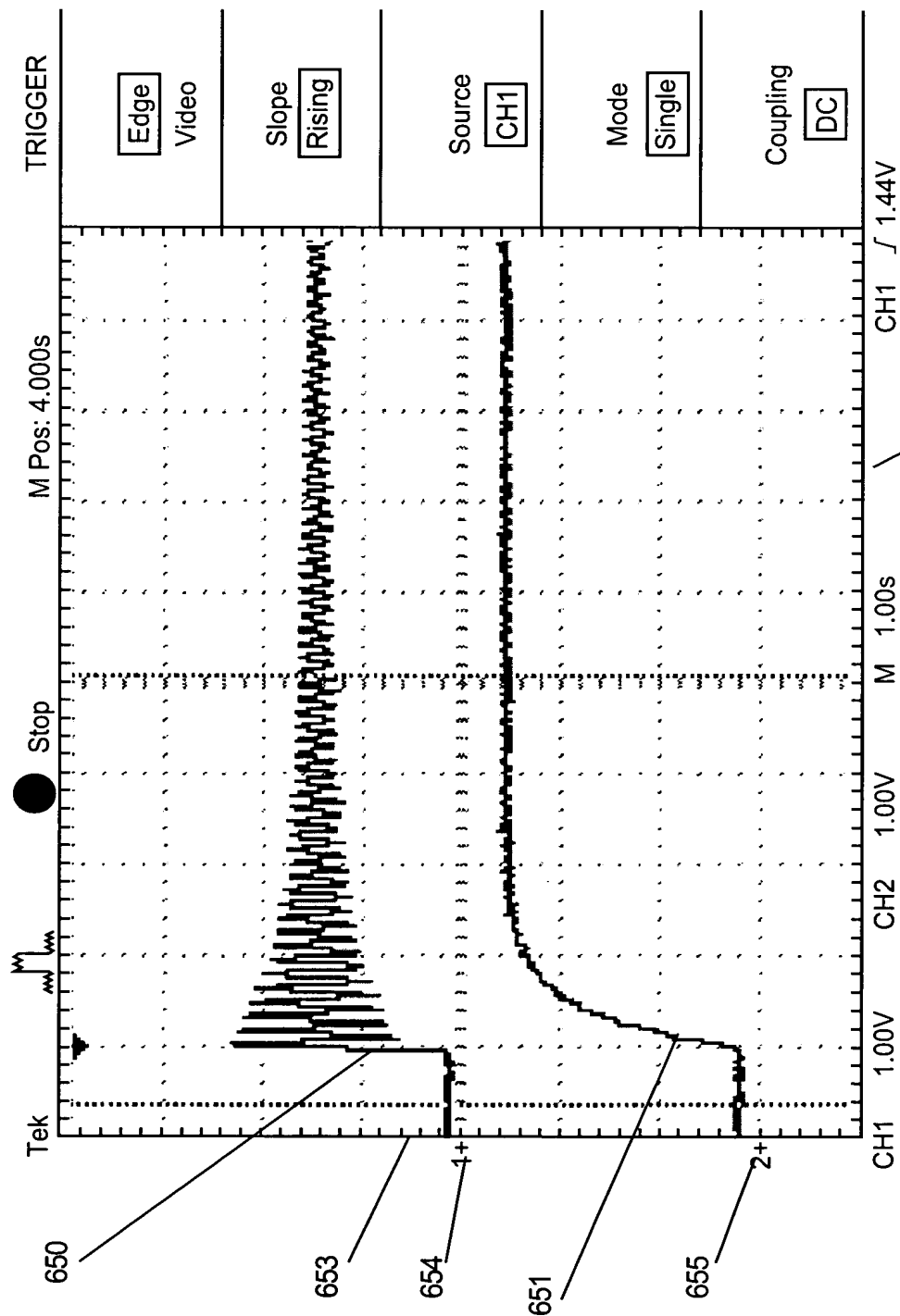


Fig. 10

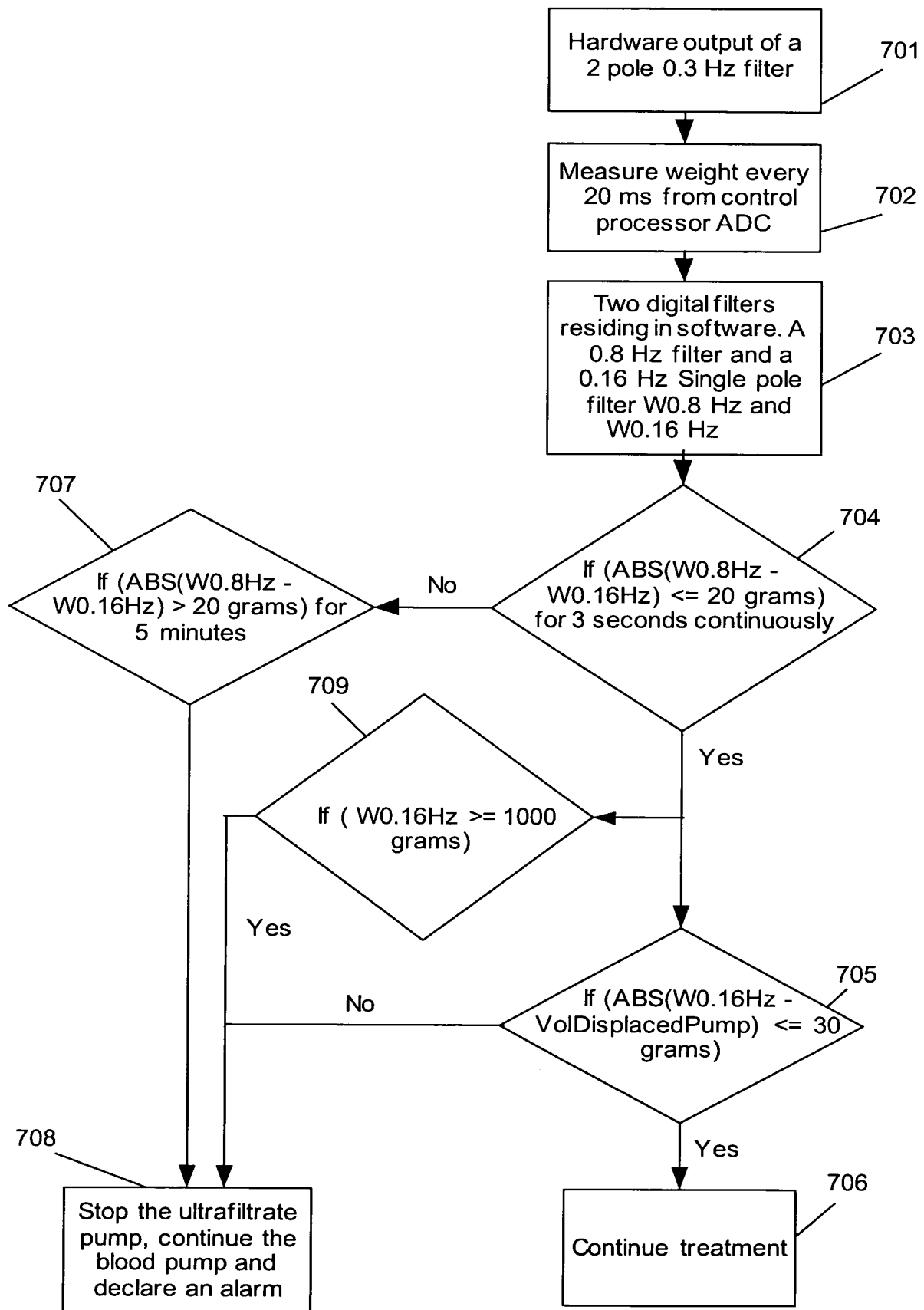


Fig. 11

Difference in weight measured between a 0.16 Hz (single pole) and a 0.8 Hz low pass filter after passing through a 0.3 Hz low pass (2 pole) filter when excited with 5 Hz

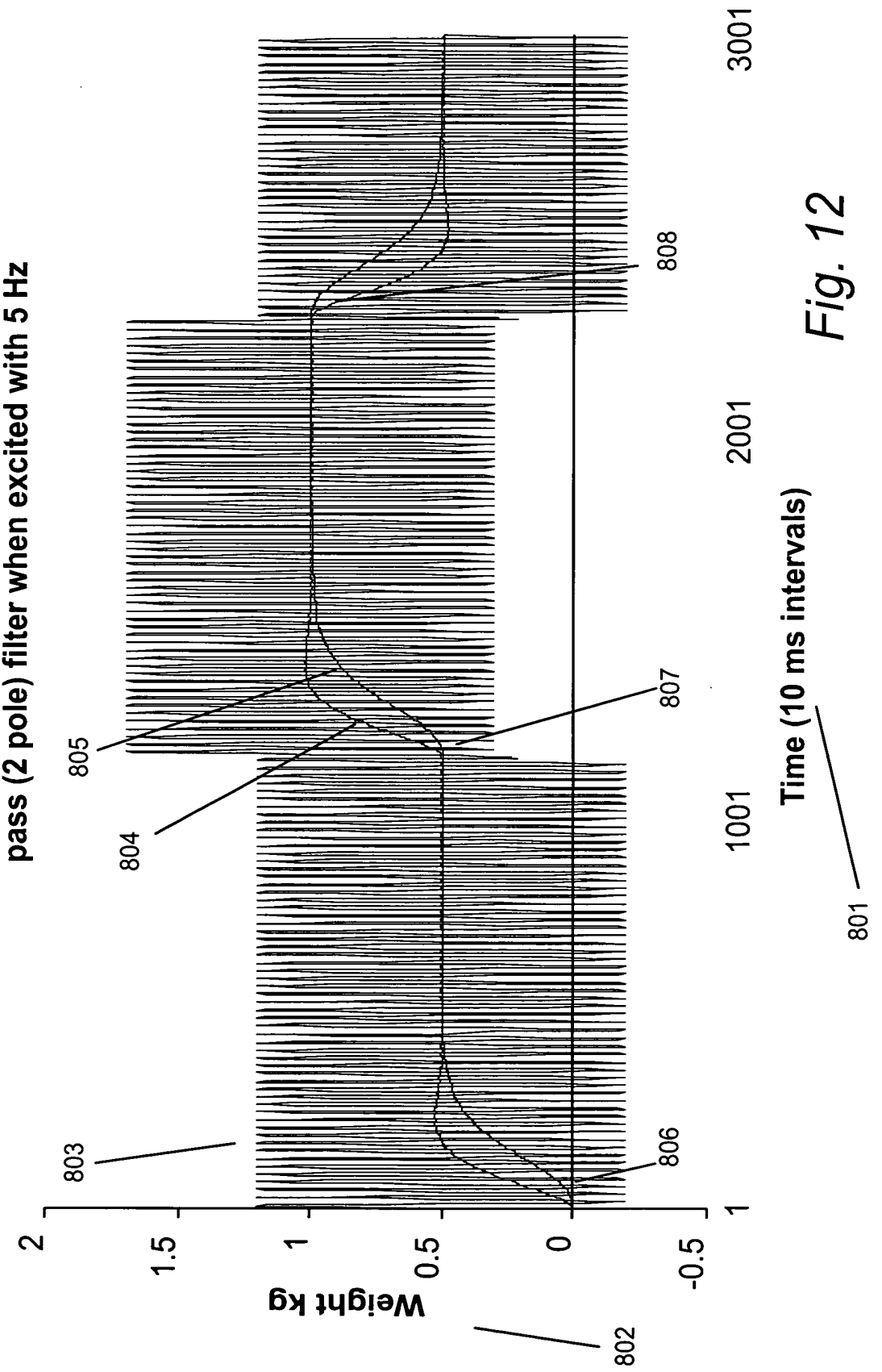


Fig. 12

Close up of Figure 12 of 6 to 9 sec time interval (600 to 900)

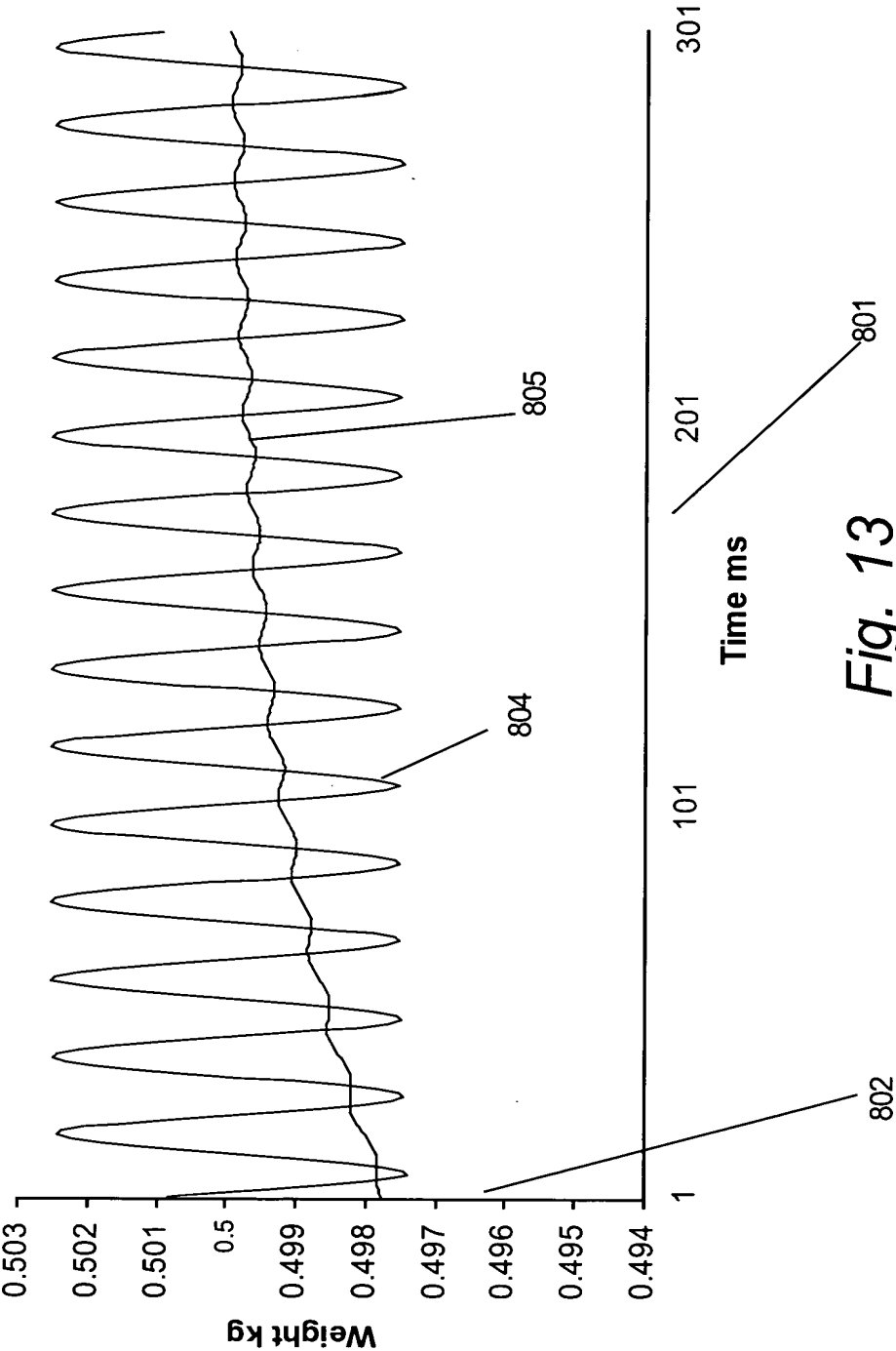


Fig. 13

Pendulum Action of Weight Scale at a Pendulum Length of 106 mm
Raw pendulum action, and output of 0.8 Hz filter, 0.16 Hz filter

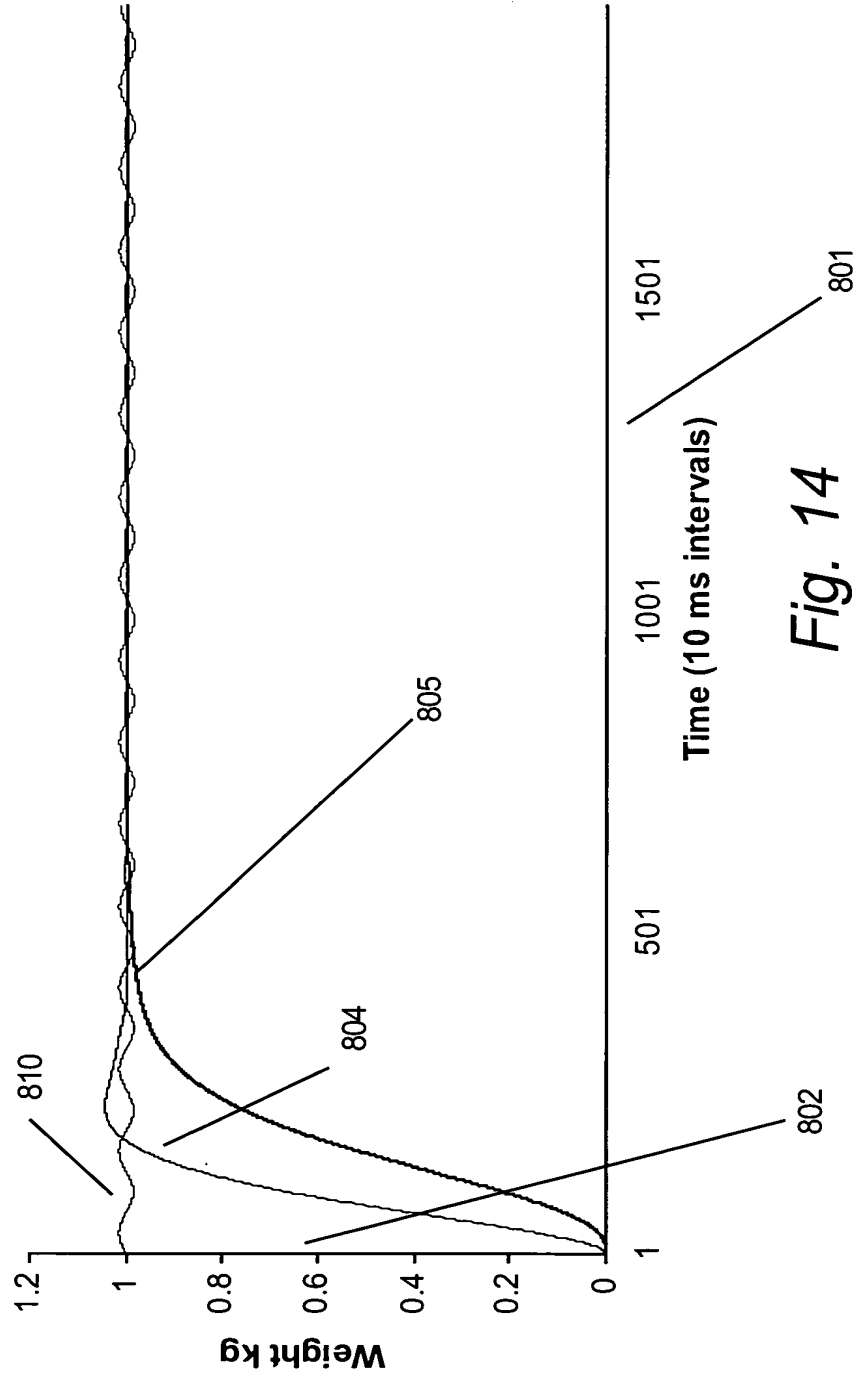


Fig. 14

Close up on 0.5 sec to 1 sec portion of Graph 14
Raw pendulum action, 0.8 Hz filter, 0.16 Hz filter

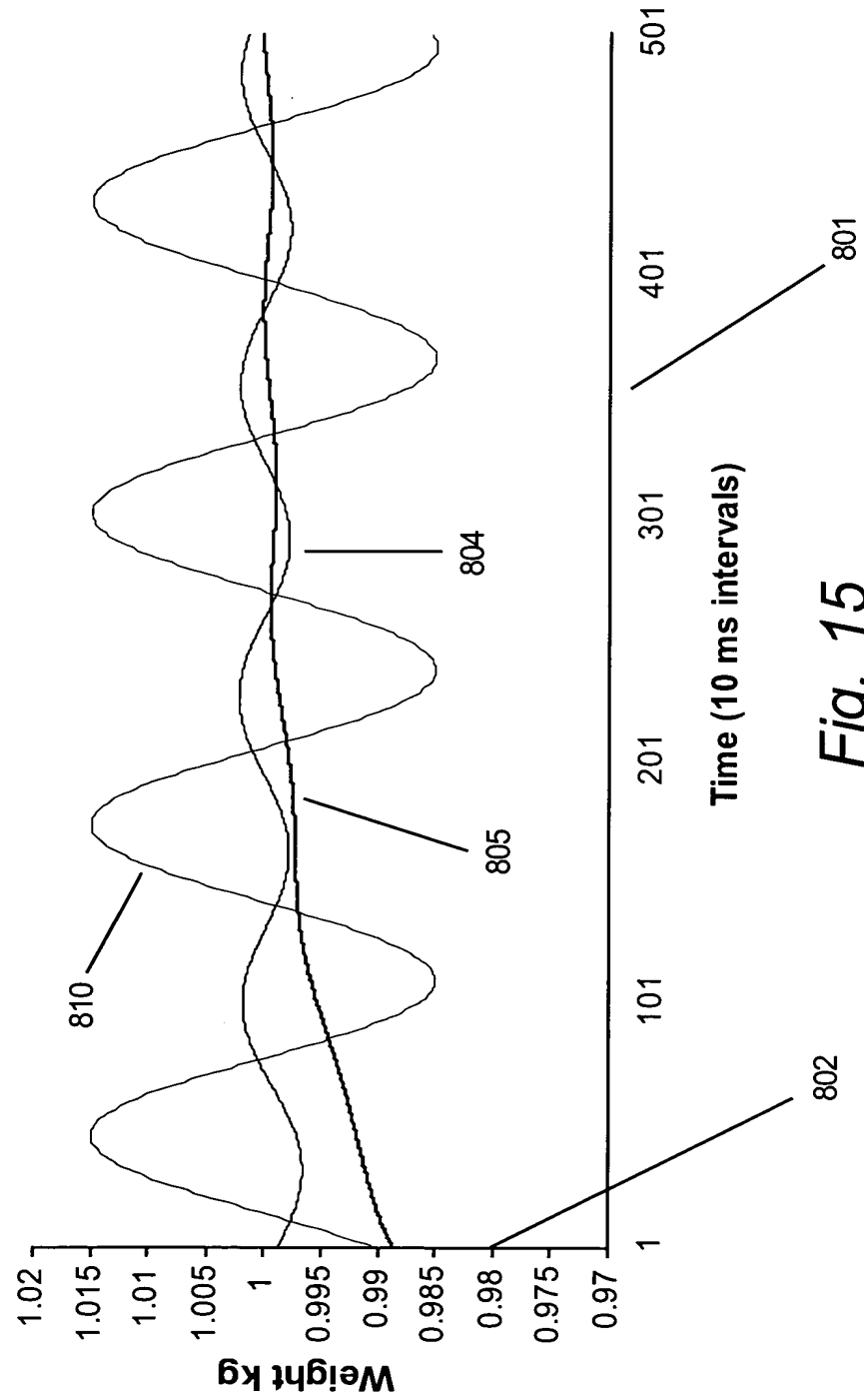


Fig. 15

1200 ml/hr or 20 ml/min Ultrafiltrate Flow Integrated by Weight Scale

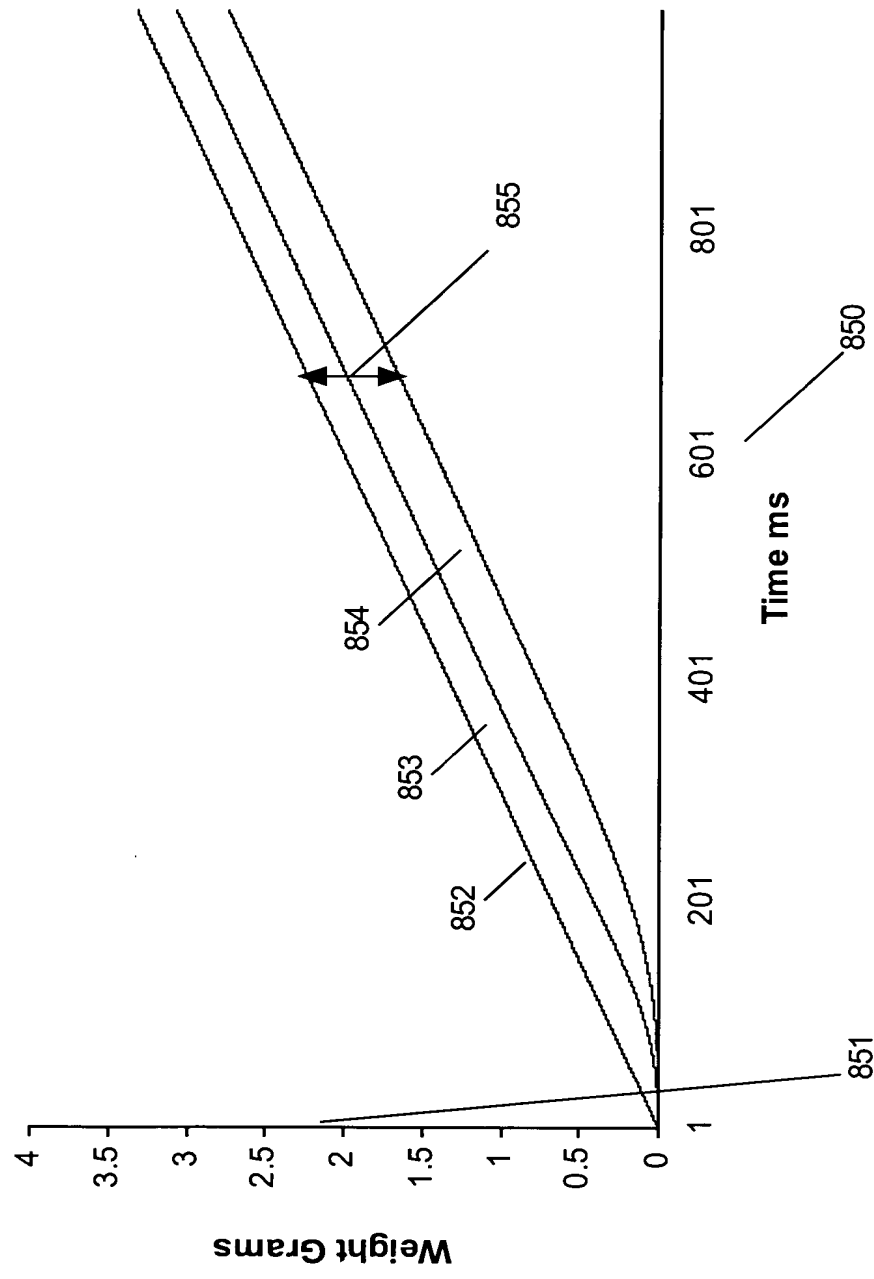


Fig. 16

500 ml/hr or 8.33 ml/min Ultrafiltrate Flow Integrated by Weight Scale

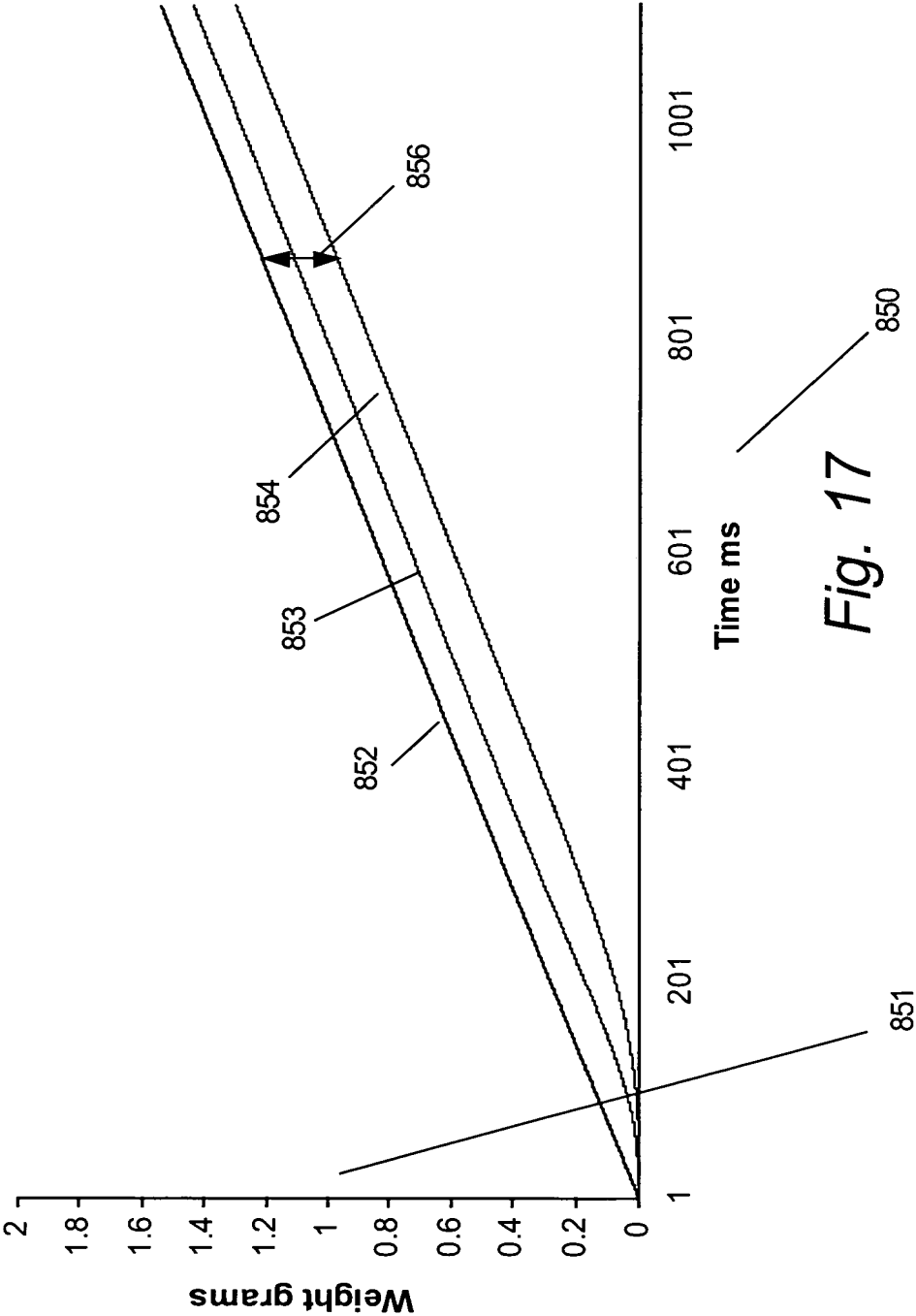


Fig. 17

Response of Dual filters with 5 Hz signal imposed upon Rapid Increases and Decreases in Weight

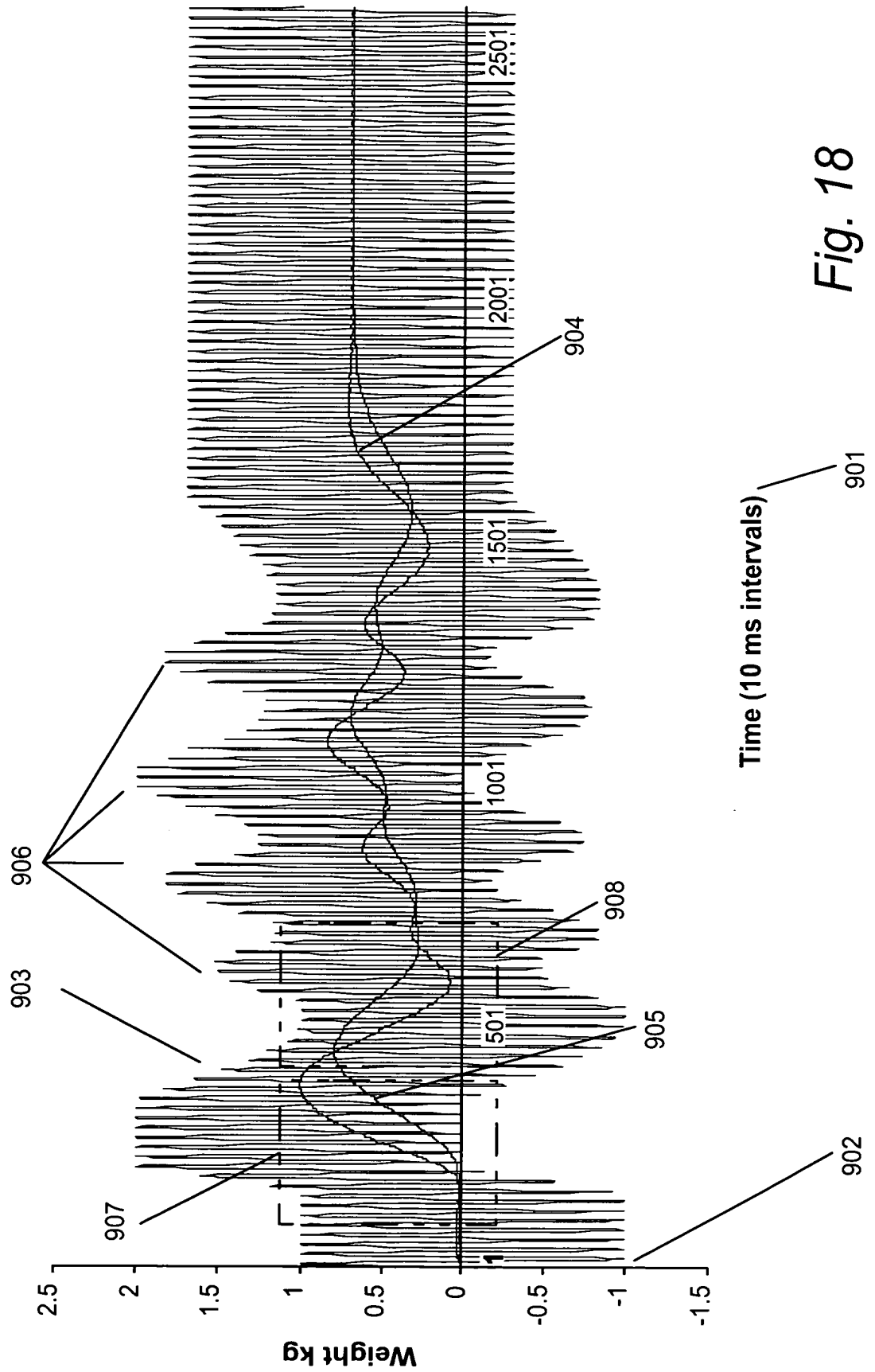


Fig. 18

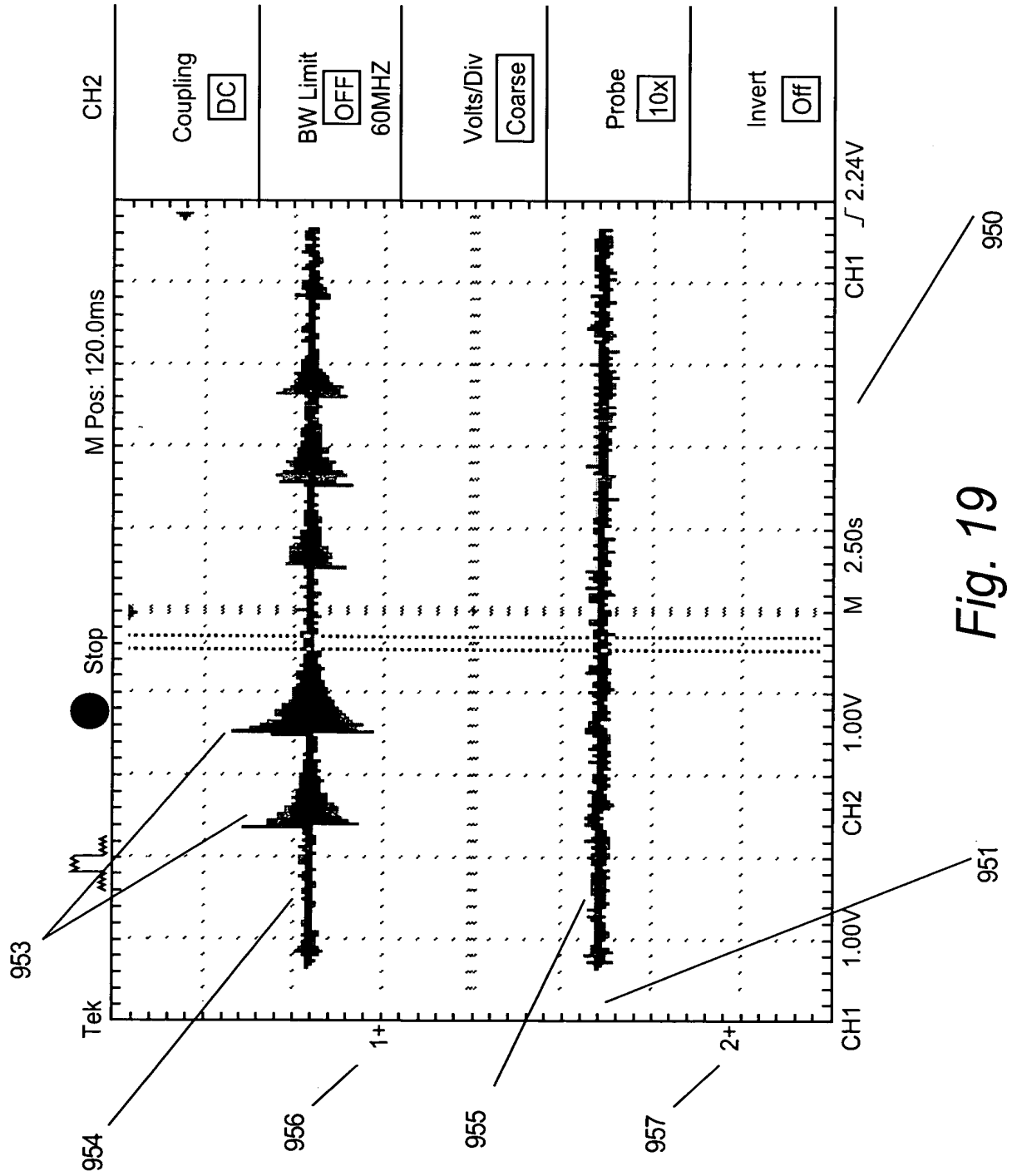


Fig. 19

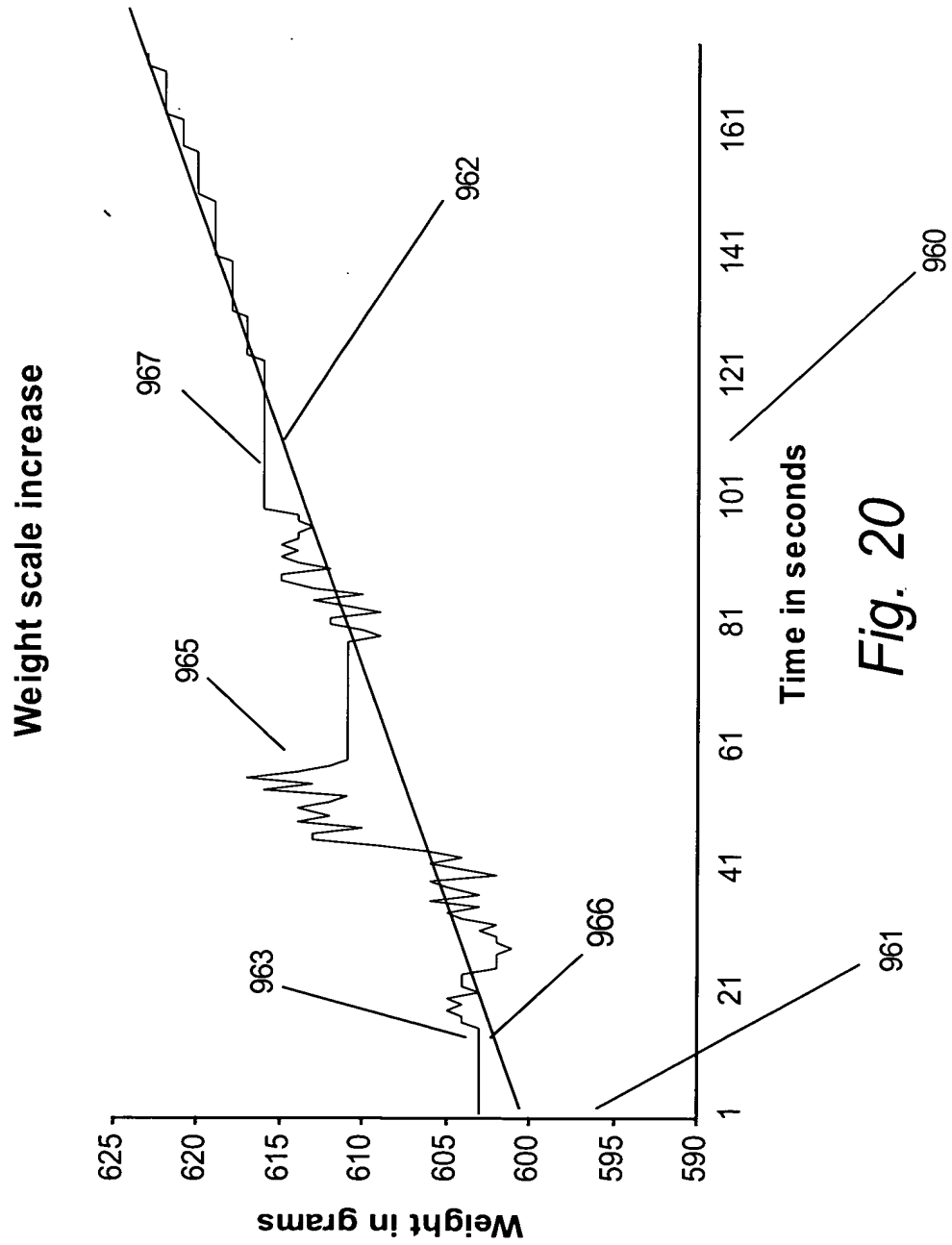


Fig. 20